

0 20 40

GAAAATGGCGCCTACAGGCCCGGGTAGTCTTACGACCCTGGTGCCCTGGGCTGCCGCCCT  
 -----  
 CTTTACC CGGAGTGCCGGGCCCATCAGAATGCTGGGACCACGGGACCCGACGGCGGGA  
 M A P H G P G S L T T L V P W A A A L  
 60 80 100

GCTCCTCGCTCTGGGCGTGAAAGGGCTCTGGCGCTACCCGAGATATGCACCCAATGTCC  
 -----  
 CGAGGAGCGAGACCCGCACCTTTCCCGAGACCGCGATGGGCTCTATACGTGGGTACAGG  
 L L A L G V E R A L A L P E I C T Q C P  
 120 140 160

AGGGAGCGTGCAAATTTGTCAAAAGTGGCCTTTTATTGTAAAACGACACGAGAGCTAAT  
 -----  
 TCCCTCGCACGTTTTAAACAGTTTTACCGGAAAATAACATTTTGTGTGCTCTCGATTA  
 G S V Q N L S K V A F Y C K T T R E L M  
 180 200 220

GCTGCATGCCCCGTTGCTGCCTGAATCAGAAGGGCACCATCTTGGGGCTGGATCTCCAGAA  
 -----  
 CGACGTACGGGCAACGACGGACTTAGTCTTCCCGTGGTAGAACCCCGACCTAGAGGTCTT  
 L H A R C C L N Q K G T I L G L D L Q N  
 240 260 280

CTGTTCTCTGGAGGACCCTGGTCCAAACTTTTCATCAGGCACATACCACTGTCAATCATA  
 -----  
 GACAAGAGACCTCCTGGGACCAGGTTTGAAAGTAGTCCGTGTATGGTGACAGTAGTATCT  
 C S L E D P G P N F H Q A H T T V I I D  
 300 320 340

CCTGCAAGCAAACCCCTCAAAGGTGACTTGGCCAACACCTTCCGTGGCTTTACTCAGCT  
 -----  
 GGACGTTCTGTTGGGGAGTTTCCACTGAACCGGTTGTGGAAGGCACCGAAATGAGTCCA  
 L Q A N P L K G D L A N T F R G F T Q L  
 360 380 400

CCGACTCTGATACTGCCACAACATGTCAACTGTCTGAGGAATTAATGCCTGGAATAC  
 -----  
 GGTCTGAGACTATGACGGTGTGTACAGTTGACAGGACCTCCTTAATTACGGACCTTATG  
 Q T L I L P Q H V N C P G G I N A W N T  
 420 440 460

TATCACCTCTTATATAGACAACCAAATCTGTCAAGGGCAAAGAACCTTTGCAATAACAC  
 -----  
 ATAGTGGAGAATATATCTGTTGGTTTAGACAGTTCCCGTTTCTTGGAACGTTATTGTG  
 I T S Y I D N Q I C Q G Q K N L C N N T  
 480 500 520

TGGGGACCCAGAAATGTGTCTGAGAATGGATCTTGTGTACCTGATGGTCCAGGTCTTTT  
 -----  
 ACCCCTGGGTCTTTACACAGGACTCTTACCTAGAACACATGGACTACCAGGTCCAGAAA  
 G D P E M C P E N G S C V P D G P G L L  
 540 560 580

FIGURE 1A



Human	TGFa	VVSFHND	CPDSHTQF	-CFH	-GTCRFLVQEDK	PACVCHSGYVGARCEHADLLA
TGFaH3		GG	KNLCNNTGDP	EMCPENG	SCVDPDG	PGLLQ-CVCADGFHGYKCMRQGSFSLM

FIGURE 2

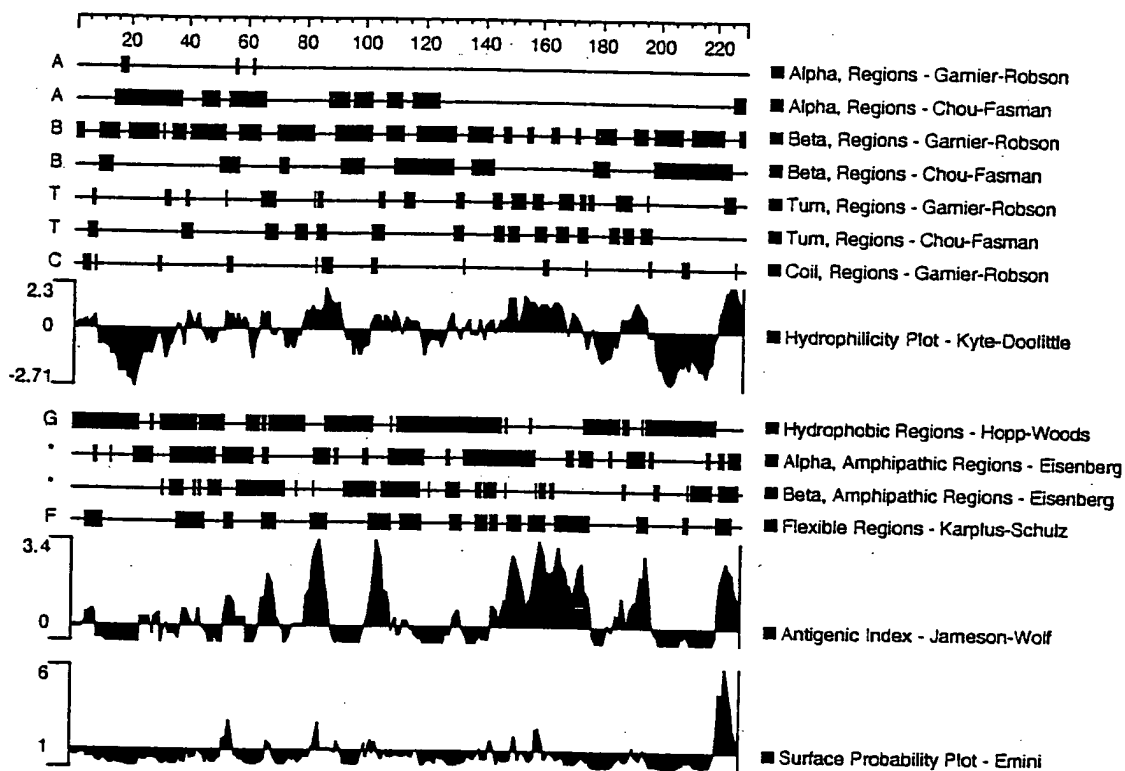


FIGURE 3

### AoSMC Alamar Blue Proliferation Assay

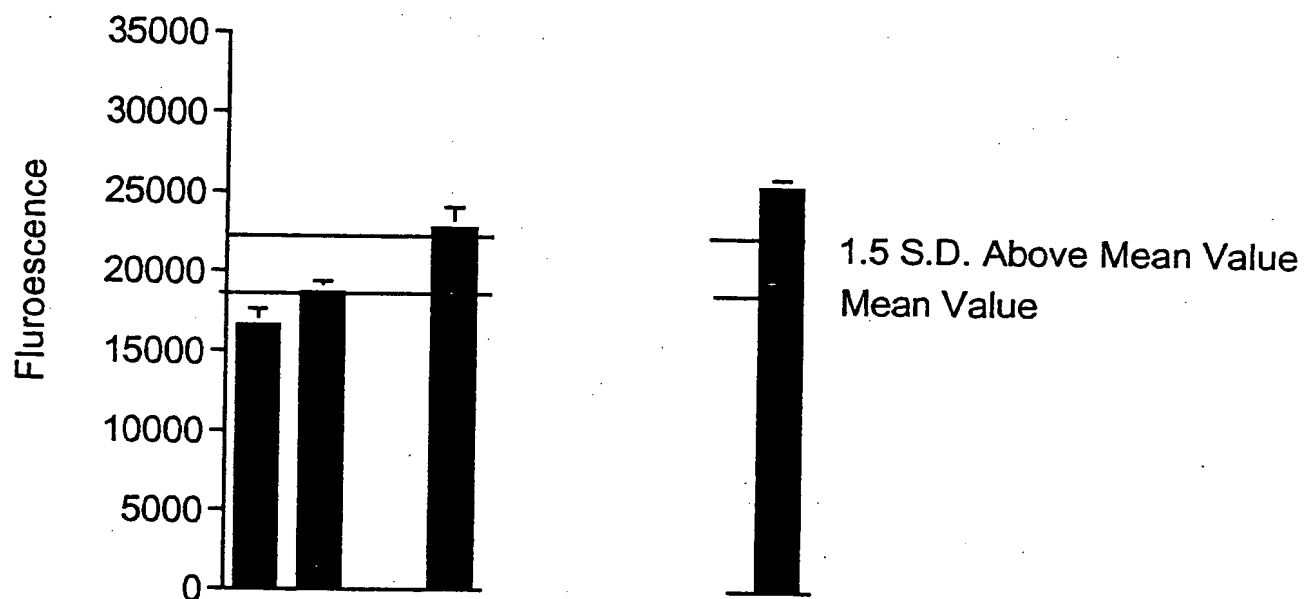


FIGURE 4